CX200-10” / CX201-10”
HEAVY DUTY TABLE SAW
WITH RIVING KNIFE
User Manual

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GENERAL SAFETY INSTRUCTIONS FOR MACHINES

Extreme caution should be used when operating all power tools. Know your power tool, be familiar with its operation, read through the owner's manual and practice safe usage procedures at all times.

- **ALWAYS** read and understand the user manual before operating the machine.
- **CONNECT** your machine ONLY to the matched and specific power source.
- **ALWAYS** wear safety glasses respirators, hearing protection and safety shoes, when operating your machine.
- **DO NOT** wear loose clothing or jewelry when operating your machine.
- **A SAFE ENVIRONMENT** is important. Keep the area free of dust, dirt and other debris in the immediate vicinity of your machine.
- **BE ALERT! DO NOT** use prescription or other drugs that may affect your ability or judgment to safely use your machine.
- **DISCONNECT** the power source when changing drill bits, hollow chisels, router bits, shaper heads, blades, knives or making other adjustments or repairs.
- **NEVER** leave a tool unattended while it is in operation.
- **NEVER** reach over the table when the tool is in operation.
- **ALWAYS** keep blades, knives and bits sharpened and properly aligned.
- **ALL OPERATIONS MUST BE** performed with the guards in place to ensure safety.
- **ALWAYS** use push sticks, feather boards or other safety devices to safely feed your work through the machine.
- **ALWAYS** make sure that any tools used for adjustments are removed before operating the machine.
- **ALWAYS** keep the bystanders safely away while the machine is in operation.
- **NEVER** attempt to remove jammed cutoff pieces until the saw blade has come to a full stop.

CX200/CX201
SPECIFIC SAFETY INSTRUCTIONS

- **NEVER** use a saw blade that has missing carbide teeth, loose teeth, or chipped or broken teeth.
- **NEVER** stand directly in line with the saw blade when feeding stock into the saw.
- **NEVER** place your fingers or hands in the line of cut. If you slip, your hands or fingers may come into contact with the blade. Always use a push stick when ripping narrow pieces.
- **NEVER** allow visitors or helpers to stand in line with the saw blade.
- **ALL GUARDS** must be in place while operating the table saw to ensure safety.
- **ALWAYS** feed the stock smoothly. Do not force or twist the work-piece while cutting.
- **NEVER** allow anyone to "assist" you by holding your work-piece at the out-feed end.
- **MAKE SURE** before making any adjustments, the switch is in the "OFF" position and the cord is un-plugged.
- **NEVER LEAVE** the table saw unattended while it is running.
- **DO NOT** attempt to remove jammed pieces unless the table saw has come to a complete stop and the power switch has been turned to the OFF position and cord is unplugged.
- **NEVER** attempt to cut stock "freehand", always use the rip fence or miter gauge.
- **ALWAYS** make sure that the rip fence is properly squared to the saw blade to prevent kickback.
- **ALWAYS** make sure that your saw is in a stable position. Cutting heavy or long stock may alter the stability of the saw. In the event that this may occur, make sure that the saw should be firmly bolted to the floor.
- **ALWAYS** be sure that if using a mobile base, wheels are firmly locked before turning the saw on.
- **ALWAYS** use a feather board and/or hold-downs to support your work-piece when necessary.
- **MAKE SURE** you have read and understood all the safety instructions in the manual and you are familiar with your table saw, before operating it. If you fail to do so, serious injury could occur.

WARNING

***The safety instructions given above can not be complete because the environment in every shop is different. Always consider safety first as it applies to your individual working conditions*.**

CX200–10” Table Saw

FEATURES

MODEL CX200 – 10” TABLE SAW WITH RIVING KNIFE

As part of the growing line of Craftex woodworking equipment, we are proud to offer the CX200 a 10” Table Saw with Riving Knife. The Craftex name guarantees Craft Excellence. By following the instructions and procedures laid out in this user manual, you will receive years of excellent service and satisfaction. The CX200 is a professional tool and like all power tools, proper care and safety procedures should be adhered to.

- Motor ..... 3-HP, 220-V, Single Phase TEFC Motor
- Drive System ..... Triple “V” Belt Drive
- Blade Guard ..... Riving Knife, CSA Approved & UL897 Compliant
- Miter Gauge..... T-Slot Miter Gauge
- Rip Fence ..... “T” Type Heavy Duty Rip Fence (Cam Lever) w/Optical Cursor
- Fence Size..... Length 48” x Width 4-1/8” x Height 2-1/2”
- Table Size..... Length 40” x Width 27” (with Extension Wings)
- Floor to Table Height ..... 34”
- Maximum Blade Diameter ..... 10”
- Riving Knife/Spreader Thickness.... 0.1”
- Arbor Size..... 5/8”
- Arbor Speed ..... 4300 RPM
- Maximum Width of Dado ..... 13/16”
- Maximum Depth of Cut @ 90° ..... 3-1/8”
- Maximum Depth of Cut @ 45° ..... 2-3/16”
- Maximum Rip to Right of Blade ..... 30”
- Maximum Rip to Left of Blade..... 12”
- Dust Collection Ports ..... One 4” Port
- Dimensions..... Length 62” x Width 41” x Height 40”
- Approximate Weight ..... 550 lbs.

CX201–1” Table Saw

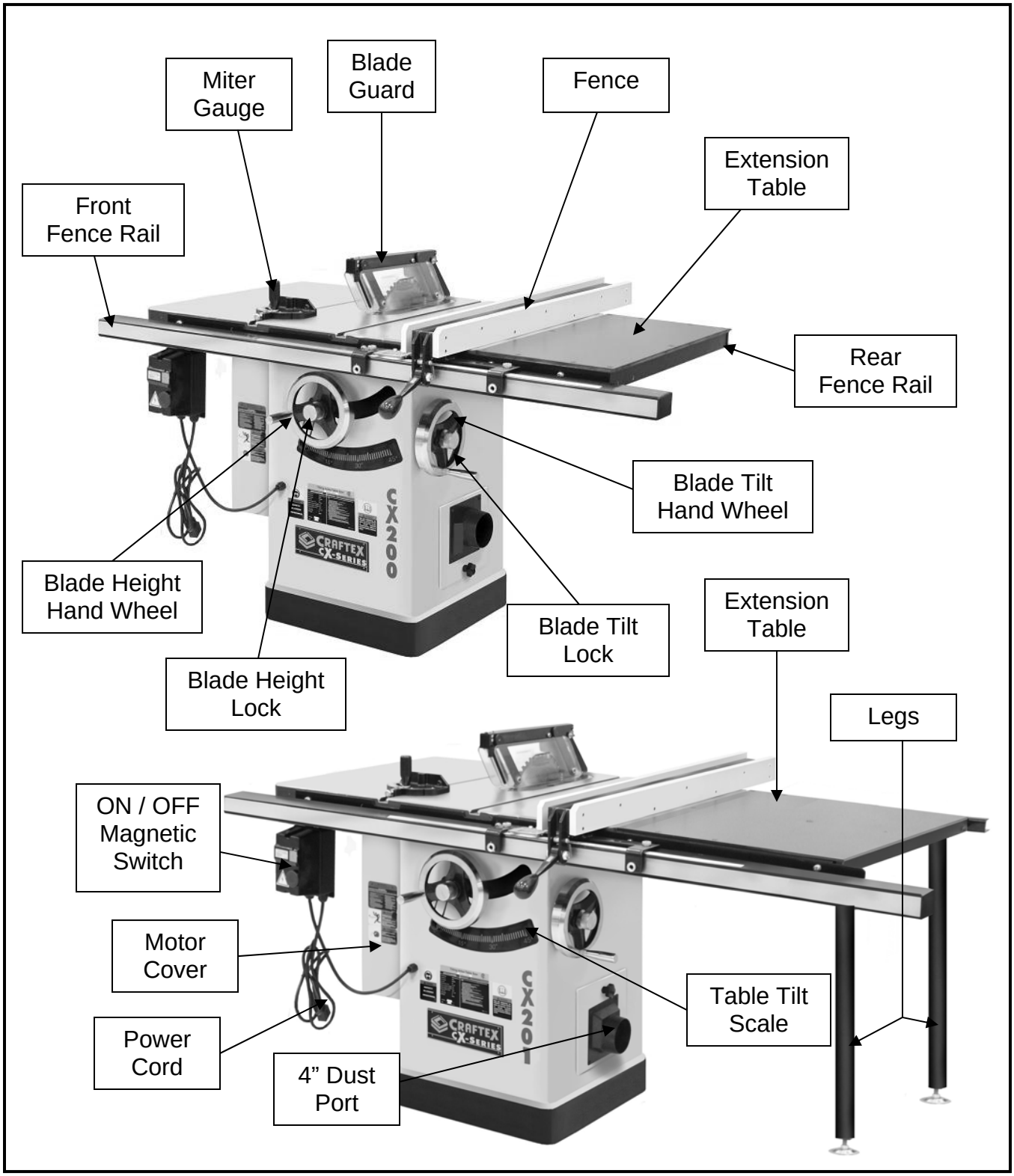
FEATURES

MODEL CX201 – 10” TABLE SAW WITH 50” RAILS & EXTENSION TABLE

As part of the growing line of Craftex woodworking equipment, we are proud to offer the CX201 a 10” Table Saw with 50” Rails, Riving Knife and Extension Table. The Craftex name guarantees Craft Excellence. By following the instructions and procedures laid out in this user manual, you will receive years of excellent service and satisfaction. The CX201 is a professional tool and like all power tools, proper care and safety procedures should be adhered to.

- Motor ..... 3-HP, 220-V, 12.8 Amp, Single Phase TEFC Motor
- Drive System ..... Triple “V” Belt Drive
- Blade Guard ..... Riving Knife, CSA Approved & UL897 Compliant
- Miter Gauge..... T-Slot Miter Gauge
- Rip Fence ..... “T” Type Heavy Duty Rip Fence (Cam Lever) w/Optical Cursor
- Fence Size..... Length 48” x Width 4-1/8” x Height 2-1/2”
- Table Size..... Length 73-3/4” x Width 27” (with Extension Wings)
- Floor to Table Height ..... 34”
- Maximum Blade Diameter ..... 10”
- Riving Knife/Spreader Thickness.... 0.1”
- Arbor Size..... 5/8”
- Arbor Speed ..... 4300 RPM
- Maximum Width of Dado ..... 13/16”
- Maximum Depth of Cut @ 90° ..... 3-1/8”
- Maximum Depth of Cut @ 45° ..... 2-3/16”
- Maximum Rip to Right of Blade ..... 50”
- Maximum Rip to Left of Blade..... 12”
- Dust Collection Ports ..... One 4” Port
- Dimensions..... Length 82” x Width 41” x Height 40”
- Approximate Weight ..... 590 lbs.

CX200/CX201 – Heavy Duty Table Saw
Physical Features



SETUP

Before setting up your machine you should read and understand the instructions given in this manual.

The unpainted surfaces of this table saw are coated with a rust preventive waxy oil and you will want to remove this before you begin assembly. Use a solvent cleaner that will not damage painted surfaces.

WARNING

CX200/CX201 is a very heavy machine, do not over-exert yourself. For safe moving method use fork truck or get the help of an assistant or friend.

UNPACKING

The machine is properly packaged and shipped completely in crates for safe transportation. When unpacking, carefully inspect the crates and ensure that nothing has been damaged during transit. Open the crates and check that the machine and the parts are in good condition.

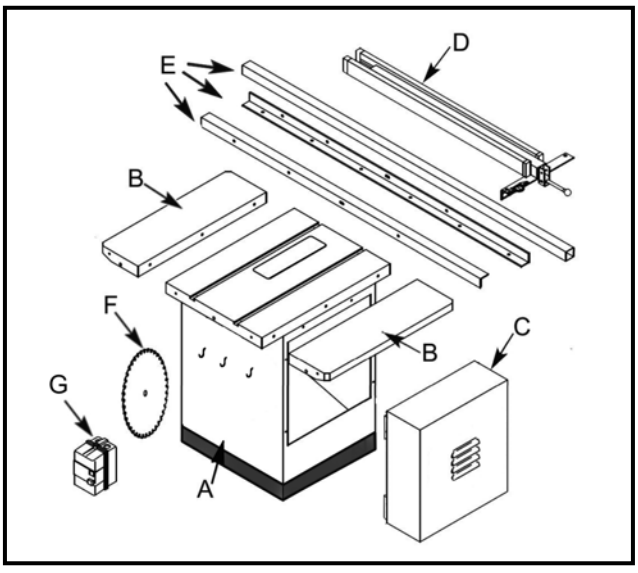


Figure-1 Inverntory

LIST OF CONTENST QTY

A. Table Saw 1
B. Extension Wings 2
C. Cabinet Door 1
D. Fence 1
E. Fence Rails & Tube 3
F. 10” Blade 1
G. Magnetic Switch 1

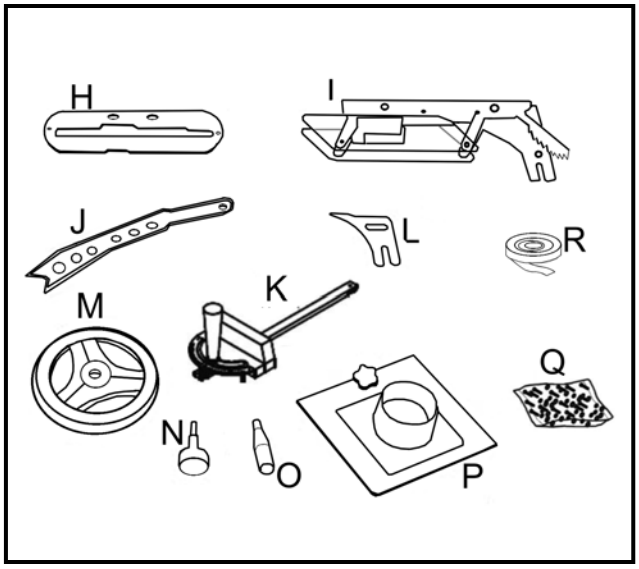


Figure-2 Inventory

LIST OF CONTENTS QTY

H. Table Insert 1
I. Blade Guard & Spreader 1
J. Push Stick 1
K. Miter Gauge 1
L. Riving Knife 1
M. Hand Wheel 2
N. Hand Wheel Lock 2
O. Hand Wheel Handle 2
P. Dust Port 1
Q. Hardware Bag 1
R. Fence Rail Tape Scale 1

CX200 & CX201
EXTENSION TABLE

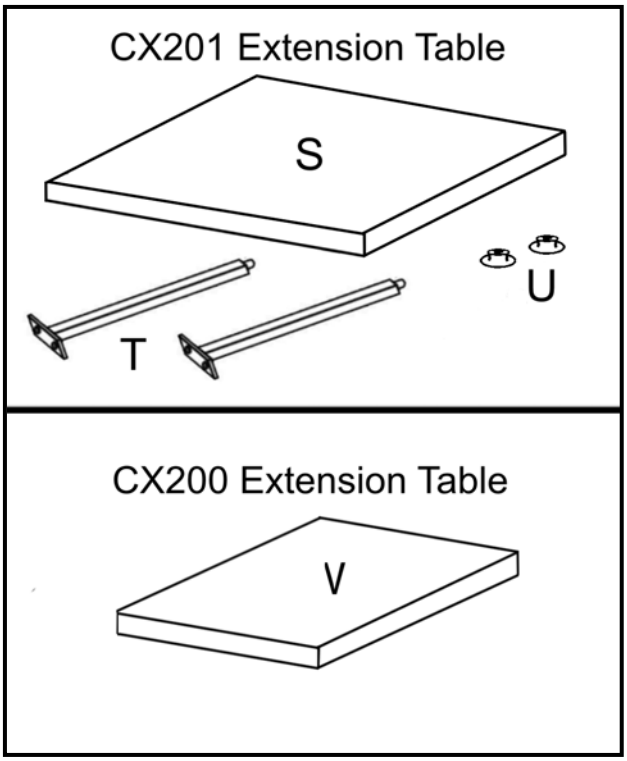


Figure-3 Inventory

LIST OF CONTENTS QTY

S. Extension Wing **(CX201)** 1
T. Legs **(CX201)** 2
U. Foot Pads 2
V. Extension Wing **(CX200)** 1

While doing inventory, if you can not find any part, check if the part is already installed on the machine. Some of the parts come assembled with the machine because of shipping purposes.

When setting up your machine, you will want to find an ideal spot where your table saw will most likely be positioned most of the time. Consider your complete work environment as well as working comfortability with the table saw before placing your machine in the ideal spot.

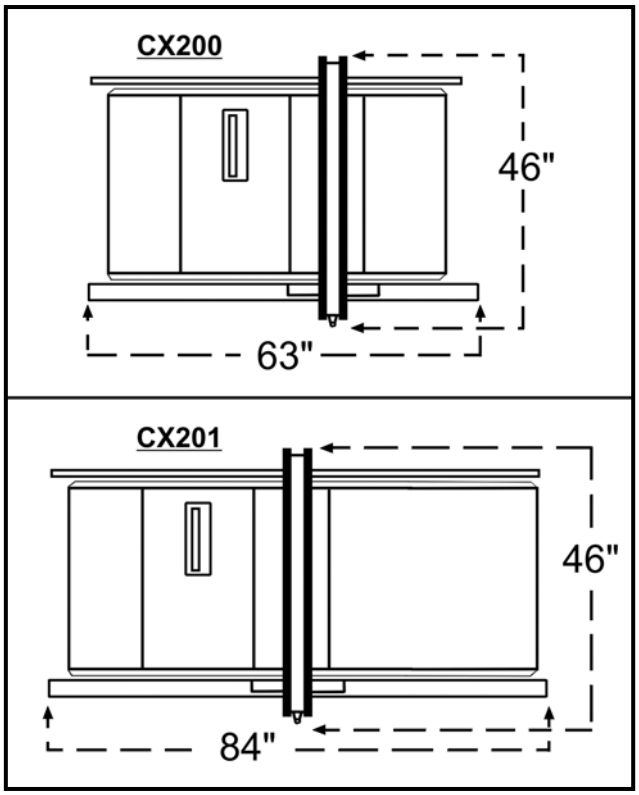


Figure-4 Minimum working space for CX200 & CX201

PROPER GROUNDING

Grounding provides a path of least resistance for electric current to reduce the risk of electric shock.

CX200/CX201 is equipped with a 220-V single phase motor.

To prevent electrical hazards, have a qualified electrician ensure that the line is properly wired.

This appliance is for use on a circuit having a normal of 220 volts. Make sure that the appliance is connected to an outlet having the same configuration as the plug. If an adaptor plug is used, it must be attached to the metal screw of the receptacle.

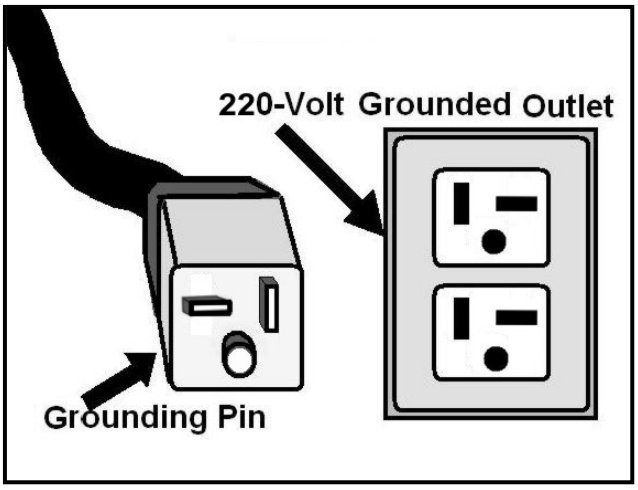


Figure-5 220-Volts Outlet for CX200/CX201

WARNING

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded.

It is strongly recommended not to use extension cords with your CX200/CX201. Always try to position your machine close to the power source so that you do not need to use extension cords.

Incase if you really find it necessary to use an extension cord, make sure the extension cord does not exceed 50-feet in length and the cord is 14-gauge to prevent motor damage.

Your CX200/CX201 should be wired with a plug having 3-prongs to fit a 3 prong grounding receptacle as shown in figure-5.

Do not remove the grounding prong to fit it into a 2-pronged outlet. Always check with a qualified electrician if you are in doubt.

ASSEMBLY

To assemble your CX200/201, read and understand the text and figures given.

Take the magnetic switch out of the saw cabinet and loosen the bolt securing the shipping brace, and remove the brace. Reinstall the bolt and washers and save the shipping brace.

Figure-6 Shipping brace location

Attach the cabinet door by inserting the door pins into the hinge sockets on the cabinet. See figure-7.

Figure-7 Installing the cabinet door

Install the blade tilt hand wheel onto the hand wheel shaft and secure it using set screw provided. See figure-8.

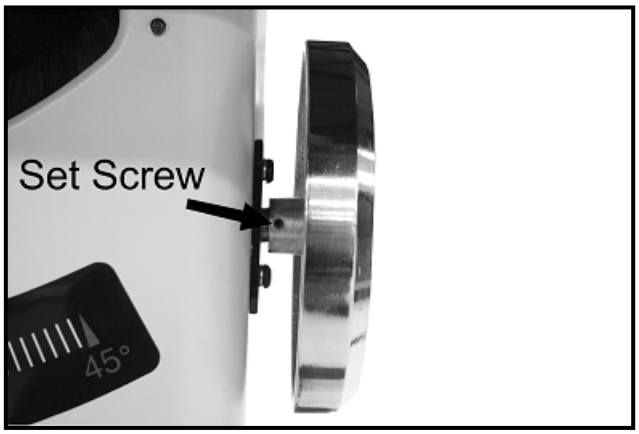


Figure-8 Securing the blade tilt hand wheel

Now, thread the hand wheel lock into the center of the hand wheel and tighten it.

Thread the hand wheel handle onto the hand wheel and tighten using a proper size wrench.

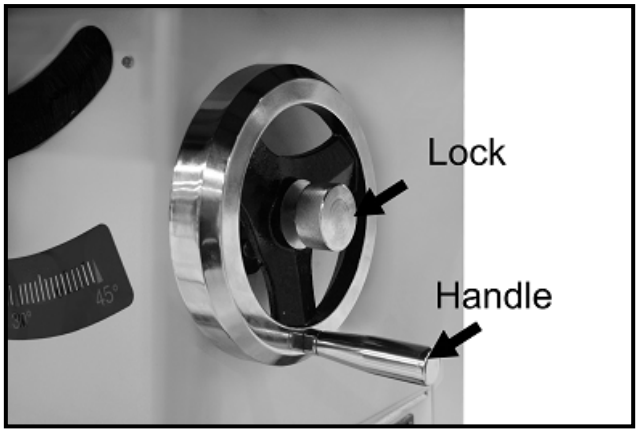


Figure-9 Hand wheel lock and handle installed

Install the blade height hand wheel in the same manner.

Attach the dust port to the saw and secure it using the knob as shown in figure-10.

Figure-10 Installing the dust port

Remove the screws and washers from the edges of the main table and inspect the mating surfaces of the extension table and main table for any foreign material that can cause misalignment when assembled.

Make sure the mating surfaces of the main table and the extension wings are clean and attach the extension wings to the table with the help of an assistant holding the table. Secure it using cap screws and washers provided. See figure 11.

Figure-11 Installing the extension wings

Place a straight-edge on the main table and the extension wing, and make sure they are flat with each other.

If the mating surface of the extension wing tilts down, use a masking tape along the bottom edge of the main table to shim the extension wing up.

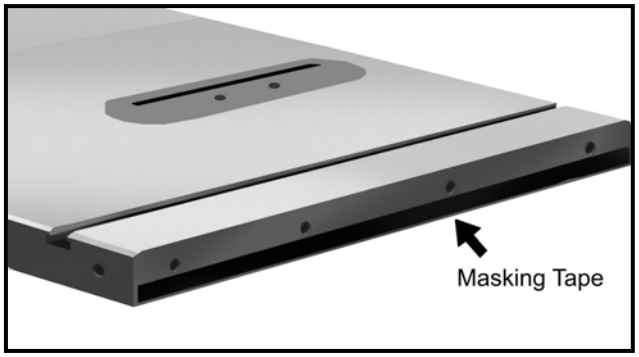


Figure-12 Using masking tape to shim the extension wing up

If the mating surface of the extension wing tilts up, use a masking tape along the top edge if the main table to shim the extension wing down.

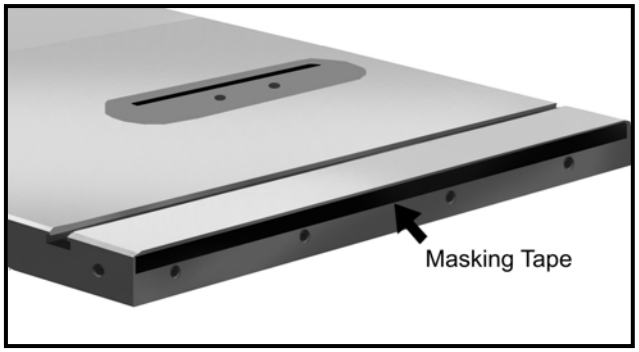


Figure-13 Using masking tape to shim the extension wing down

When the table is reinstalled, remove the excessive masking tape using a blade.

Attach the front fence rail to the table and the extension wing using nuts, bolts and washers provided. See figure-14.

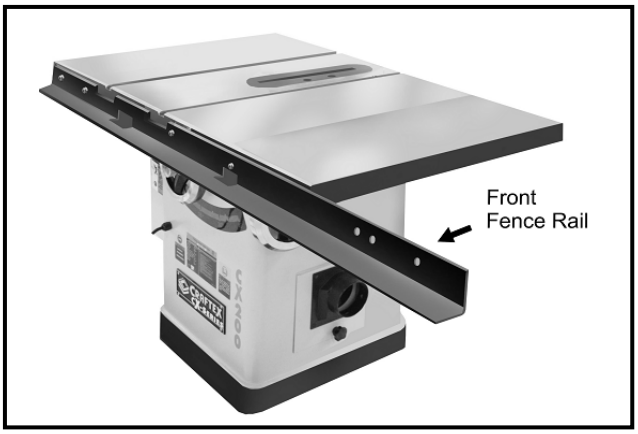


Figure-14 Installing front fence rail

Now, install the fence rail tube onto the front rail using cap screws, washers and flat washers provided. See figure-15.

Figure-15 Installing the fence rail tube

Attach the rear fence rail to the extension wings and the main table and secure it using hex bolts and washers provided. See figure-16. Make sure the top edge of the rear rail is flush with the bottom part of the T-slots on the table.

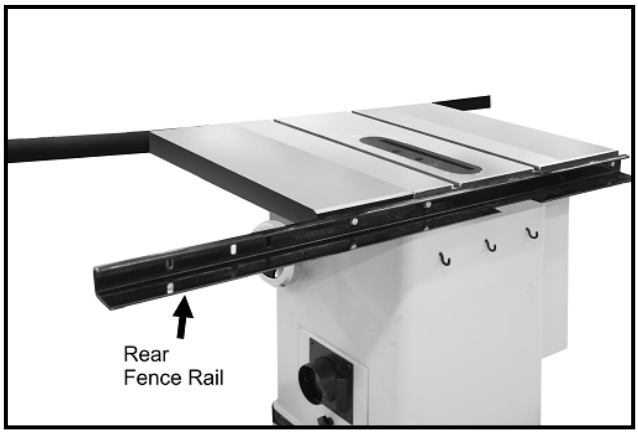


Figure-16 Installing rear fence rail

CX200 EXTENSION TABLE

Install the extension table between the front and rear fence rails, securing it to the rails using hex nuts, hex bolts and washers provided.

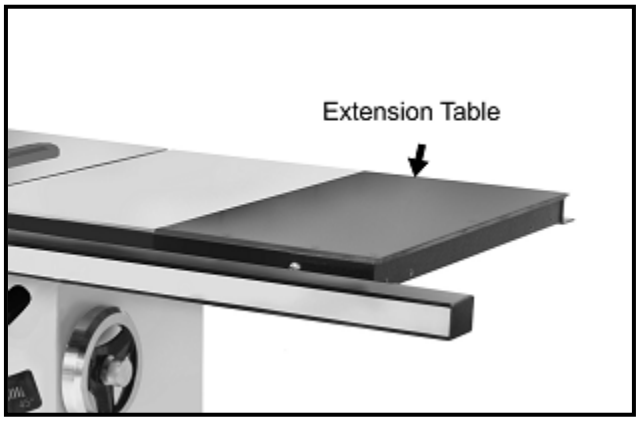


Figure-17 Installing the extension table for CX200

Place a straight-edge across the extension wing and the extension table and adjust the extension table so that it is flush with the extension wings and the main table.

CX201 EXTENSION TABLE

Get an assistant to hold the extension table between the front and rear fence rails. Secure the extension table to the rails using hex bolts, hex nuts and washers provided with the extension table.

Thread the foot pads into the legs as shown in figure 18 and do not tighten the jam nut at this time.

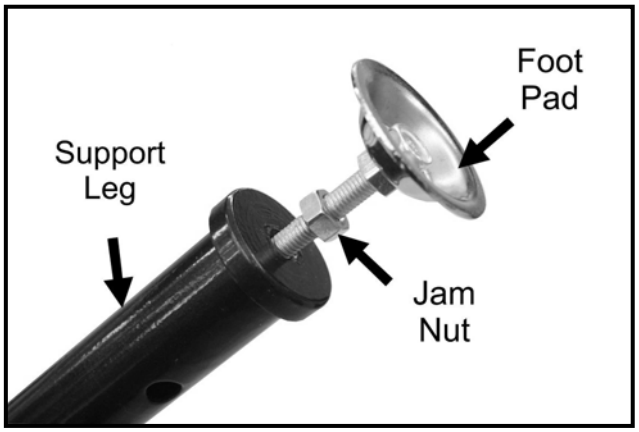


Figure-18 Connecting legs to each other

Place the legs under the table and adjust the feet until the table sits properly on both legs and tighten the jam nut Secure the legs to the end of the table using cap screws and washers provided. See figure-19.

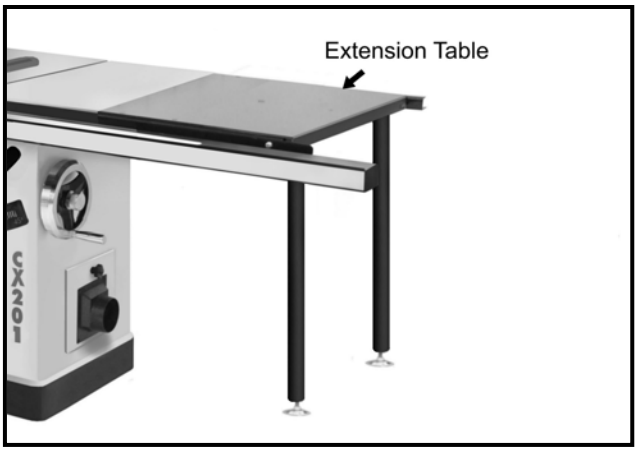


Figure-19 Installing CX201 extension table

Place a straight-edge across the extension wings and the extension table and level the extension table by adjusting the feet, so that the extension is flush with the extension wings and the main table.

Once the table surfaces are flush with each other, tighten the hex nuts on the feet up, against the leg to lock the feet.

To install the fence, place it on the rails, on the right hand side of the blade and push the fence handle down to lock the fence on the rails.

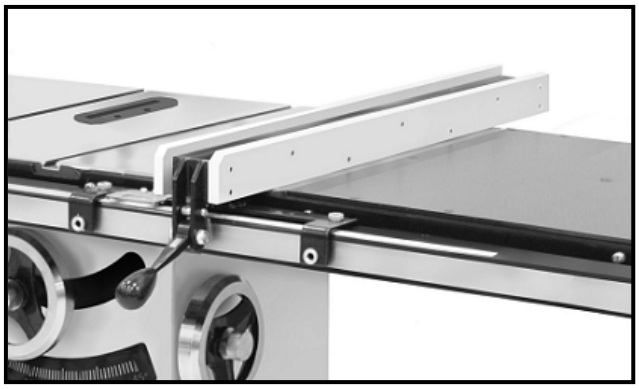


Figure-20 Installing the fence on the rails

Attach the magnetic switch to the front rail and secure it using screws and washers.

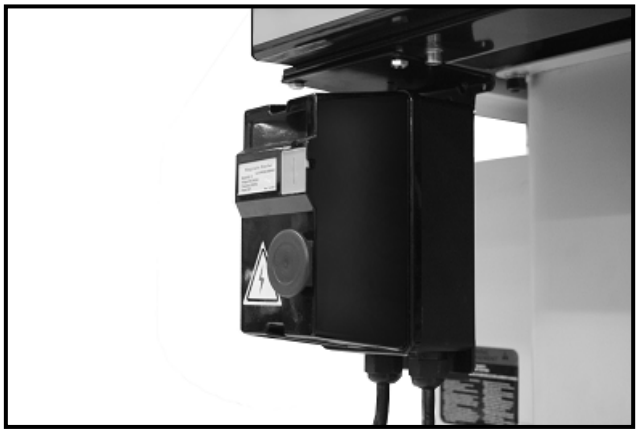


Figure-21 Installing the magnetic switch

INSTALLING THE SAW BLADE

Remove the screw securing the table insert to the table and remove the table insert. Raise the arbor all the way up using the blade height hand wheel located on the front of the saw and set the blade to 0-degree.

Remove the arbor nut and the arbor flange and install the 10” blade provided. Make sure the teeth of the blade are facing the front of the saw. Install the arbor flange and the arbor nut and tighten using arbor wrenches provided.

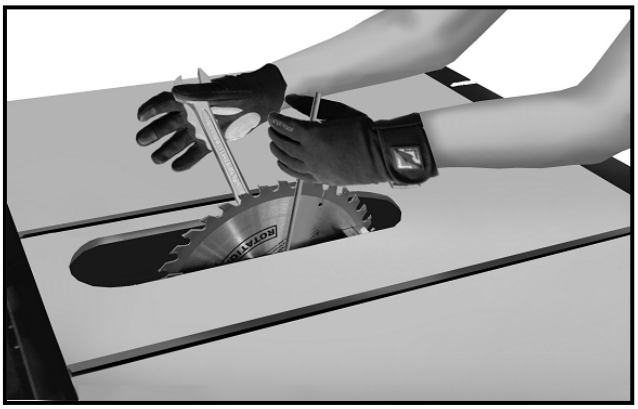


Figure-22 Installing the blade

FENCE SCALE

Before installing the fence scale on the rail tube, determine whether you want to use the pointer window to the right or left side of the fence.

It is recommended to mount the pointer window to the right side of the fence so that the work-piece does not cover the pointer window while cutting operation.

If the machine comes with the pointer window mounted to the left side of the fence, simply loosen the screws on the pointer window and re-install it on the right side of the fence.

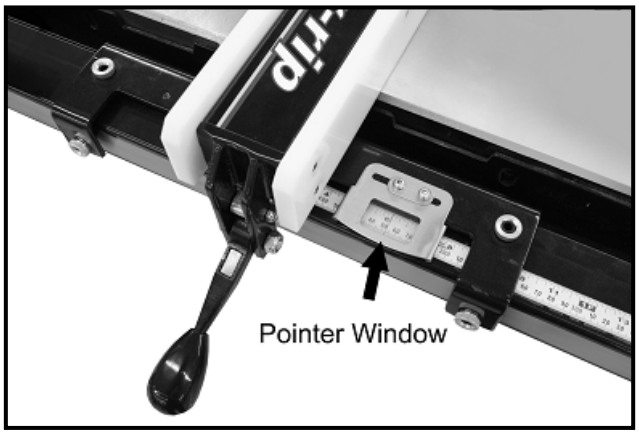


Figure-23 Installing pointer window

To Install the Fence Scale:

Slide the fence against the saw blade and push the fence handle down to lock it on the rails.

Place the tape scale on the fence and make sure the “0” is aligned with the red line on the pointer window, and mark the “0” on the fence tube with a pencil.

Remove the fence and peel off the tape. Align the “0” mark on the tape scale with the pencil mark on the tube and attach the tape scale on the tube.

IMPORTANT

To get accurate cuts, it is very important to attach the tape scale on the fence tube, aligning the “0” perfectly with the pencil mark that you made.

Adjust the pointer window if required by loosening the two screws holding the pointer window to the fence and position it left or right.

INSTALLING BLADE GUARD

Install the table insert and slide the knurled knob out, rotating it forward so that it engages the upper bracket.

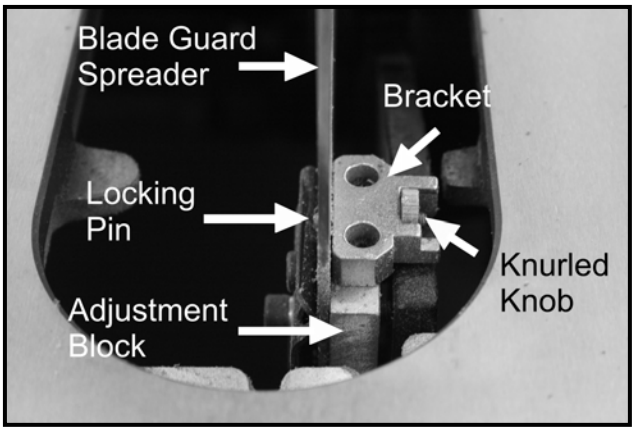


Figure-24 Using knurled knob to secure the spreader

Now, slide the blade guard spreader, down into the adjustment block and rotate the knurled knob to disengage the bracket. The locking pin engages the hole in the center of the spreader. Make sure the spreader is locked properly.

The blade guard should move freely and touch the table surface and should swing high enough to allow the work-piece fed easily while cutting operation.

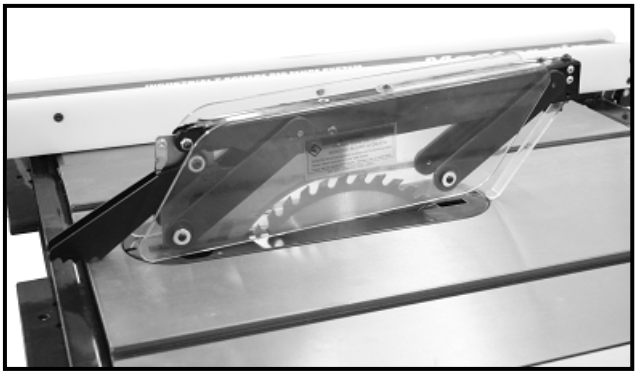


Figure-25 Blade guard installed

CONNECTING TO A DUST COLLECTOR

CX200/CX201 features a 4” diameter dust port to connect to a dust collector.

When connecting to a dust collector, use a proper sized hose and make sure all the connections are sealed tightly.

It is recommended to use a proper sized dust collector with the CX200/CX201 to ensure adequate dust collection.

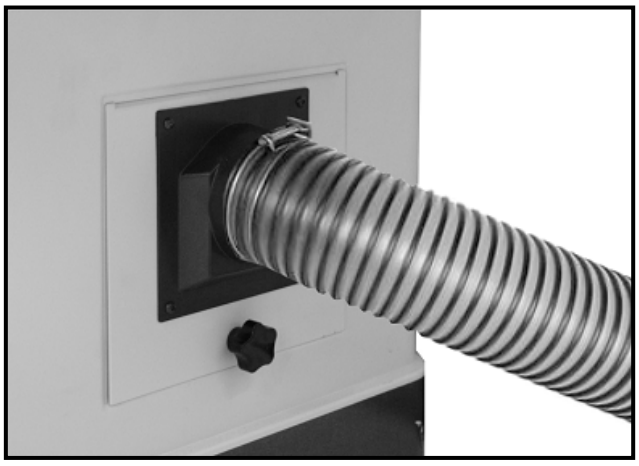


Figure-26 Connecting to a dust collector

WARNING

The fine dust particles produced by the table saw can go into your lungs and cause serious respiratory problems. Make sure to wear a dust mask and connect the table saw to a proper dust collection system while operating it.

BASIC CONTROLS

The basic controls of this machine are shown in the figure-27. Use the figure and read the text to understand what the basic controls of your CX200/CX201 are.

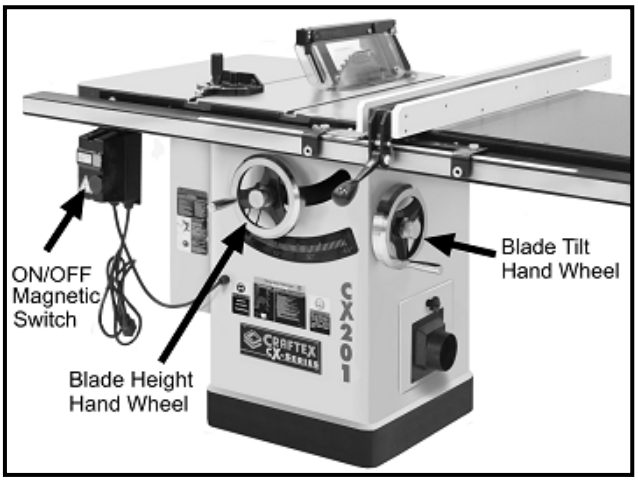


Figure-27 Basic controls on CX200/CX201

Magnetic Switch
The magnetic switch on your CX200/CX201 has a green button to turn the machine "ON" and a red button to turn the machine "OFF", when pressed.

Blade Height Hand Wheel
It is used to raise and lower the blade. The hand wheel features a locking knob at its center, which is used to lock the hand wheel. If you want to adjust the blade height, loosen the hand wheel lock and turn the hand wheel. When the blade is at the desired height, tighten the lock.

Blade Tilt Hand Wheel
It is used to adjust the angle of the blade. The hand wheel features a lock in its center, which is used to lock the hand wheel. If you want to adjust the blade angle, loosen the locking knob and turn the hand wheel. When the blade is at the desired angle, tighten the lock.

TEST RUN

Once you have assembled your machine completely, it is then time for a test run to make sure that the machine works properly and is ready for operation.

During the test run if there is any unusual noise coming from the machine or the machine vibrates excessively, stop the machine immediately and disconnect from the power source and investigate to find out the problem with your machine.

READ THE MANUAL

Before starting the table saw, make sure that you have read and understood the manual and you are familiar with the functions and safety features on this machine. Failure to do so may cause serious personal injury.

During the test run you should make sure that the machine operates properly when turned ON. Check all the safety features on the machine and make sure all the safety features work properly.

WARNING

The safety instructions given in this manual can not be complete because the environment in every shop is different. Always consider safety first as it applies to your individual working conditions.

BLADE GUARD

The blade guard assembly on your CX200/CX201 consists of a clear polycarbonate shield, spreader and anti-kickback pawls.

The clear polycarbonate guard allows the operator to see the blade cutting the work-piece during cutting operation. The guard covers the blade on both sides and lifts up as the work-piece is fed into the blade and returns to the table surface when the work-piece has passed through the blade. It prevents the wood chips to fly and injure the operator and it also prevents from accidental contacts of objects with the blade.

At the back side of the guard there is a metal plate called a spreader. The spreader prevents the kerf of the work-piece from pinching the blade and causing kick back.

The kick back pawls are designed such that they allow the work-piece to move only forward. During the cutting operation if the work-piece moves backward, the anti kick back pawls will dig into it and stop it.

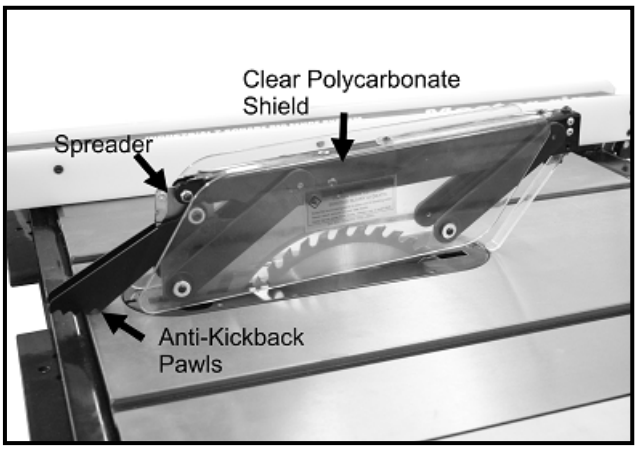


Figure-28 Blade guard assembly

RIVING KNIFE

The riving knife is a metal plate which prevents the newly cut work-piece from pinching at the backside of the blade and causing kickback. Basically the riving knife does the same job as the spreader. But the main difference is that the riving knife is installed below the blade height while the spreader is installed higher than the blade.

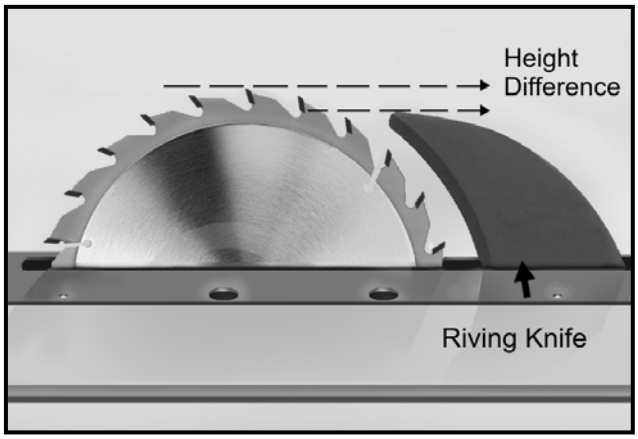


Figure-29 Riving knife

The riving knife is installed when doing non-through cuts using a standard table saw blade and for the cutting operations when the blade does not cut all the way through thickness of the work-piece.

WARNING

DO NOT use the riving knife with dado blades. If used, the riving knife will be higher than the dado blade and the work-piece will hit the riving knife.

Height Difference:

The riving knife should be installed with 1mm to 5mm height difference with the blade height. It is recommended to keep 3mm to 8mm distance between the blade (from the carbide tip) and the riving knife.

WORK-PIECE INSPECTION

Before cutting the work-piece, make sure to inspect it for nails, staples, small pieces of stone or metal and any other object which is dangerous to come on contact with the blade.

If the wood contains any of these objects and it comes in contact with the blade, the object might fly and hit the operator or seriously damage the blade. For a safe cutting method always inspect your work-piece carefully before cutting and wear eye protection.

Some woods with excessive twisting or wrapping are un-stable while cutting. This situation can be dangerous, because during operation the work-piece can move un-expectedly which can either damage the blade or hurt the operator.

If the wood is slightly cupped, make sure the cupped face of the wood is held against the table or the fence. If the bowed side of the work-piece is held against the table or the fence, there will be a great possibility that the work-piece move unexpectedly while cutting, and cause kickback or injury to the operator.

Some stock with large knots can damage the blade and wet stock will give a poor result.

WARNING

The information above is just a guideline for you to understand how to cut a work-piece with slight cupping. If you are not sure and do not have any experience in cutting cupped stock, do not cut it. Failure to follow these instructions might bring personal injuries to the operator or serious damage to the blade.

OPERATIONS

Before doing the operation, make sure all the parts of the machine are assembled properly and you have done the test run. Make sure you have read the manual and you are familiar using the table saw, knowing all the safety features on this machine.

THROUGH CUTS

The operation, in which the saw blade cuts the work-piece completely, is called through cut. Ripping, cross cuts, miter cuts and beveled cuts are examples of through cuts.

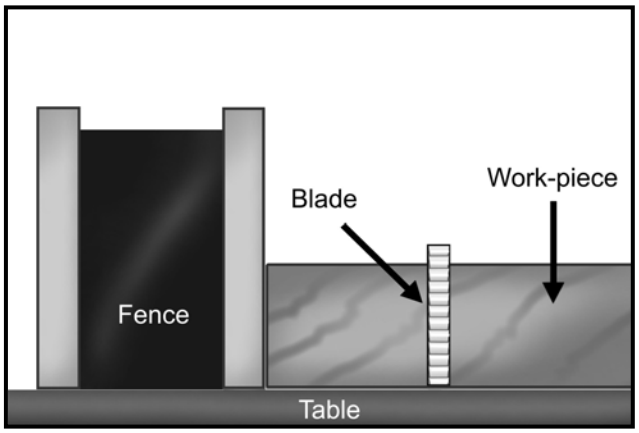


Figure-30 Shows an example of through cut

For clarity the blade guard assembly is not shown in figure-30 but for your safety it is highly recommended to use blade guard when performing through cuts.

NON-THROUGH CUT

The operation, in which the work-piece is passed over the saw blade and it does not cut the work-piece all the way through its thickness, is called non-through cut.

Since the blade guard can not be used when doing non-through cuts, there is great possibility of kickback. Make sure to have the riving knife installed, when using standard saw blade to perform non-through cuts.

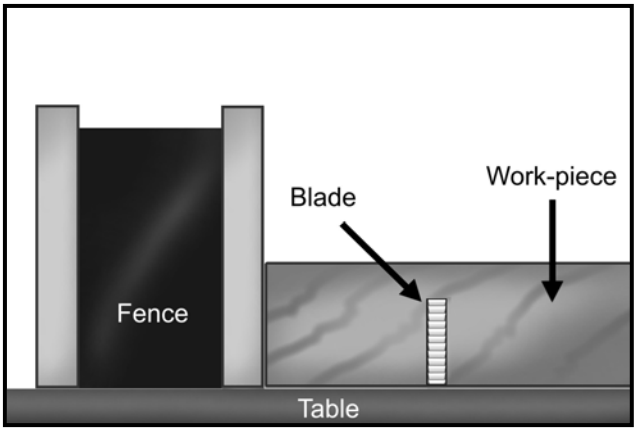


Figure-31 shows an example of non-through cut with standard saw blade

For clarity figure-31 does not show riving knife, but it is highly recommended to install the riving knife when performing non-through cuts with standard saw blade.

RIPPING

Cutting solid wood with the grain and cutting down the length of the work-piece is called ripping.

With the power “OFF”, adjust the fence on the rails according to the desired width of the cut. Turn the table height hand-wheel to set the guide post assembly 1/4” above the work-piece. Make sure that blade guard assembly is working properly and install other safety devices like feather board, if needed.

Connect the cord to the power source and turn the table saw “ON”. Let the blade to reach the full speed and feed the work-piece through the blade using a push stick, until the work-piece completely passes the saw blade. See figure-32.

Figure-32 Ripping operation

After the work-piece is cut, let the blade come to a complete stop and then remove the cut-off pieces.

WARNING

Do not use your fingers to feed narrow work-pieces into the blade. Always use a push stick to prevent the possibility of injury.

CROSSCUTTING

Cutting solid wood across the grain and cutting plywood across the width of the work-piece is called cross-cutting.

Remove the fence and mark the work-piece where you want to start the cut from and make sure the miter guide is at 90° position on the miter slot. Place the work-piece on the table so that the marked point is aligned

with the blade and the blade is cutting the waste side of the line.

Connect the cord to the power source and turn the table saw “ON”. Let the blade to reach its full speed and hold the work-piece against the face of the miter gauge. Slowly push the work-piece with the miter gauge and until it is completely past the blade. Let the blade come to a complete stop and remove the cut-off work-pieces.

Figure-33 Crosscutting operation

MITER CUTS

Miter cut is an angled crosscut performed in the same manner as crosscut, using miter gauge.

Place the face of the miter gauge against the edge of the work-piece and miter gauge bar across the face of the work-piece. Use the bar as a guide and mark the angle of cut with a pencil as shown in figure-34.

Place the miter gauge back into the T-slot and hold the work-piece against the face of the miter gauge. Push the work-piece with the miter gauge slowly against the blade until the work-piece is completely past the blade.

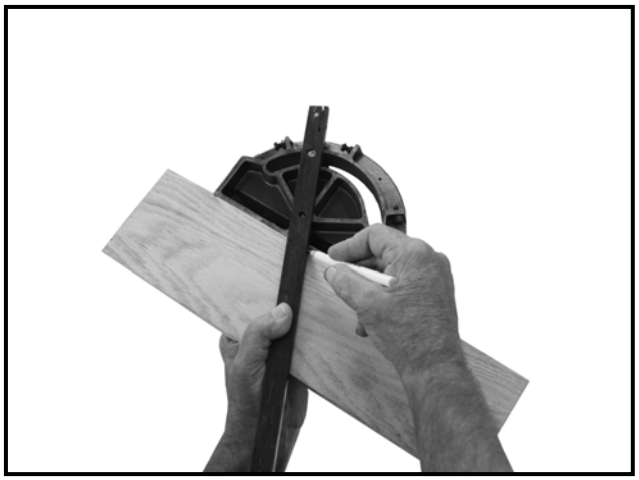


Figure-34 Marking the angle of cut

BEVEL CUTS

The CX200/CX201 blade can be tilted to the left between 0° and 45° by rotating the blade tilt hand wheel. This feature of the saw allows making bevel cuts.

To make bevel cuts, rotate the blade tilt hand wheel to the desired angle, looking at the tilt scale and lock the hand wheel by tightening the lock at the center of the hand wheel.

After that, proceed to make the cut in the same manner as in “Cross Cutting”. See page-20.

For more accurate cuts angles,
use a digital angle finder.

Model# B2646

Model# WR300

ADJUSTMENTS

MAIN TABLE TO BLADE PARALLELISM

Your CX200/CX201 will give a better result if the main table is parallel to the blade. If it is not parallel, the result you will get will be poor and low quality.

To check if the table is parallel to the blade, use an adjustable square and measure the distance between the miter slot on the table and the edge of the blade (front or back) as shown in figure-35.

Figure-35 Measuring the distance using an adjustable square

Now, lock the square in place and mark the blade with a marker where you made the measurement. Rotate the blade so that the mark is opposite to the first position (front or back) and slide the square to check if the blade is at the same distance with the miter slot.

The measurement should be equal on both sides. If the measurements are not the same, the table needs to be adjusted parallel to the blade.

To adjust the table:

Make sure the switch is in the "OFF" position and the cord is unplugged from the power source.

Loosen the four mounting bolts (shown in figure-36) securing the table on the cabinet and adjust the table to get equal measurements on both sides of the blade. Once the table is parallel to the blade, re-tighten the mounting bolts.

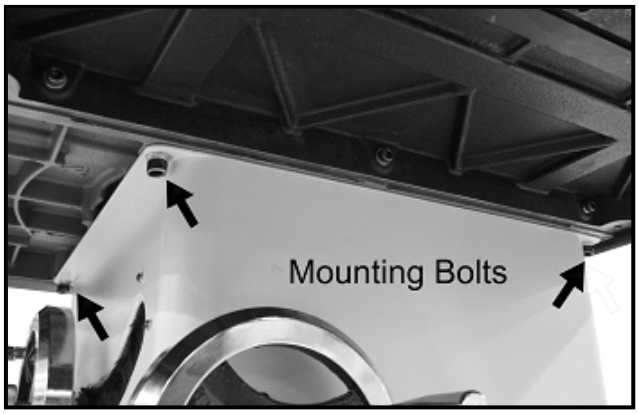


Figure-36 Mounting bolts location

BLADE GUARD SPREADER & RIVING KNIFE ALIGNMENT

The blade guard spreader and riving knife must be aligned with the blade for safe and accurate cutting operation. If the blade guard spreader or the riving knife is not aligned with the blade, the work-piece will be pushed sideways during operation and increasing the risk of kick back.

Make sure the switch is "OFF" and check the spreader or riving knife alignment using a straight-edge. Raise the blade to the maximum height using the blade height hand-wheel. Place the straight edge against the top and bottom part of the spreader or riving knife as shown in figure-37.

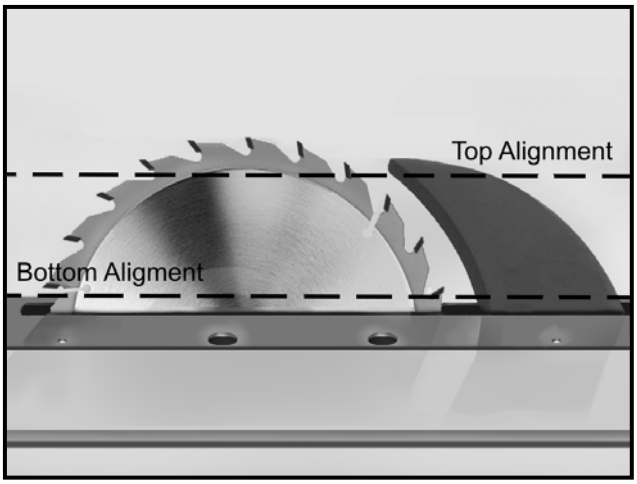


Figure-37 Using a straight-edge to check the top and bottom alignment

If the spreader or riving knife is not parallel with the blade, remove it and place it on a flat surface. Check if it lays evenly on the flat surface along its length.

If the spreader or riving knife does not lie evenly, bend it with your hands until it is straight.

The spreader or riving knife mounting position can be adjusted by adjusting the set screws located on the spreader/riving knife mounting block.

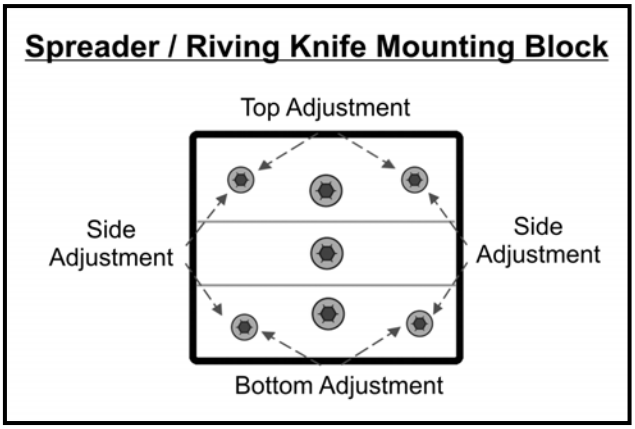


Figure-38 Pairs of adjusting screws for spreader/riving knife position

To adjust the alignment:

Turn “OFF” the table saw and remove the cord from the power source.

Remove the table insert and loosen the two cap screws on the mounting block and adjust the set screws to move the spreader/riving knife.

The set screws are to control the top, side (left & right) and bottom adjustment of the spreader/riving knife.

Adjust the two side screws to an equal amount to move the front of the spreader/ riving knife left or right.

Now, check the alignment, using a straight-edge as shown in figure-37. Once the spreader/riving knife is in the correct position, tighten the two cap screws on the mounting block.

TENSIONING THE V-BELT

The three V-belts stretch with use and needs to be checked and tensioned properly as the table saw is used.

Turn the table saw “OFF” and remove the cord from the power source.

Lower the blade to the maximum and open the motor cabinet. Loosen the hex nuts securing the motor as shown in figure-39 and move the motor slightly up and down.

Check the tension on each V-belt and press the motor down to tension the belts.

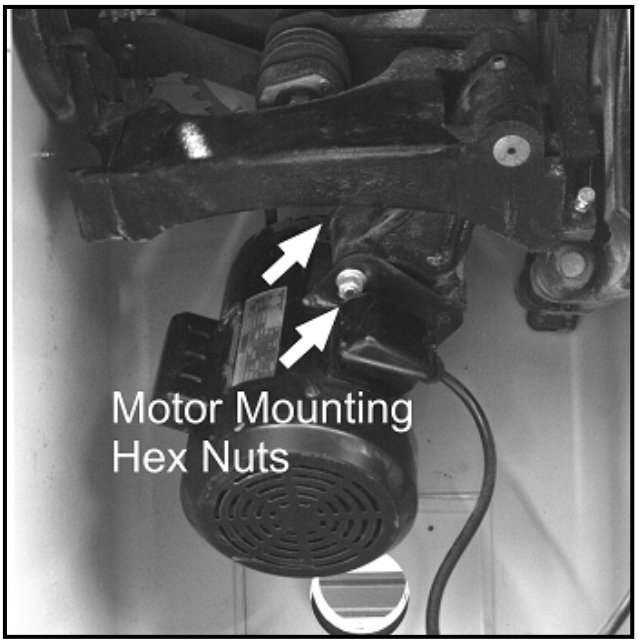


Figure-39 Motor mounting hex nuts

Once there is approximately 1/2" deflection in the belts when applying moderate pressure using your finger, re-tighten the hex nuts.

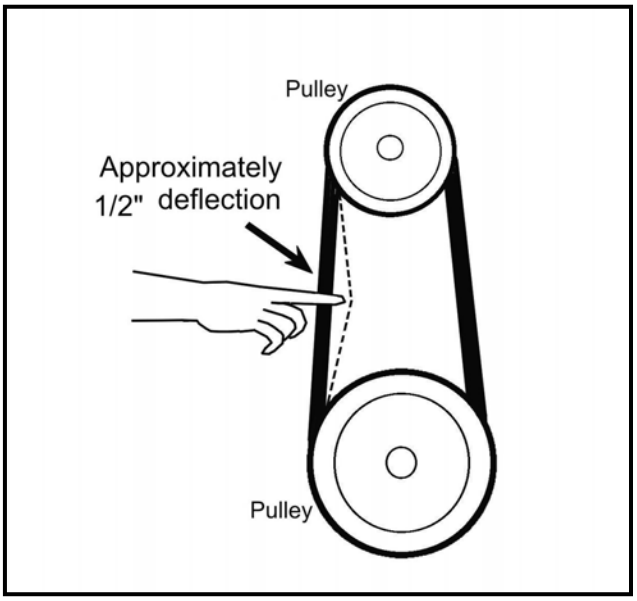


Figure-40 Correct tension on the V-belt

REPLACING THE V-BELTS

Turn the table saw switch “OFF” and remove the cord from the power source.

Lower the blade to the maximum and open the motor cabinet. Loosen the hex nuts securing the motor as shown in figure-39 and move the motor up and remove the V-belts off the pulleys.

Install the new V-belts and onto the pulleys and lower the motor to tension the belts. When the belts are correctly tensioned, tighten the hex nuts and close the motor cabinet.

MAINTENANCE

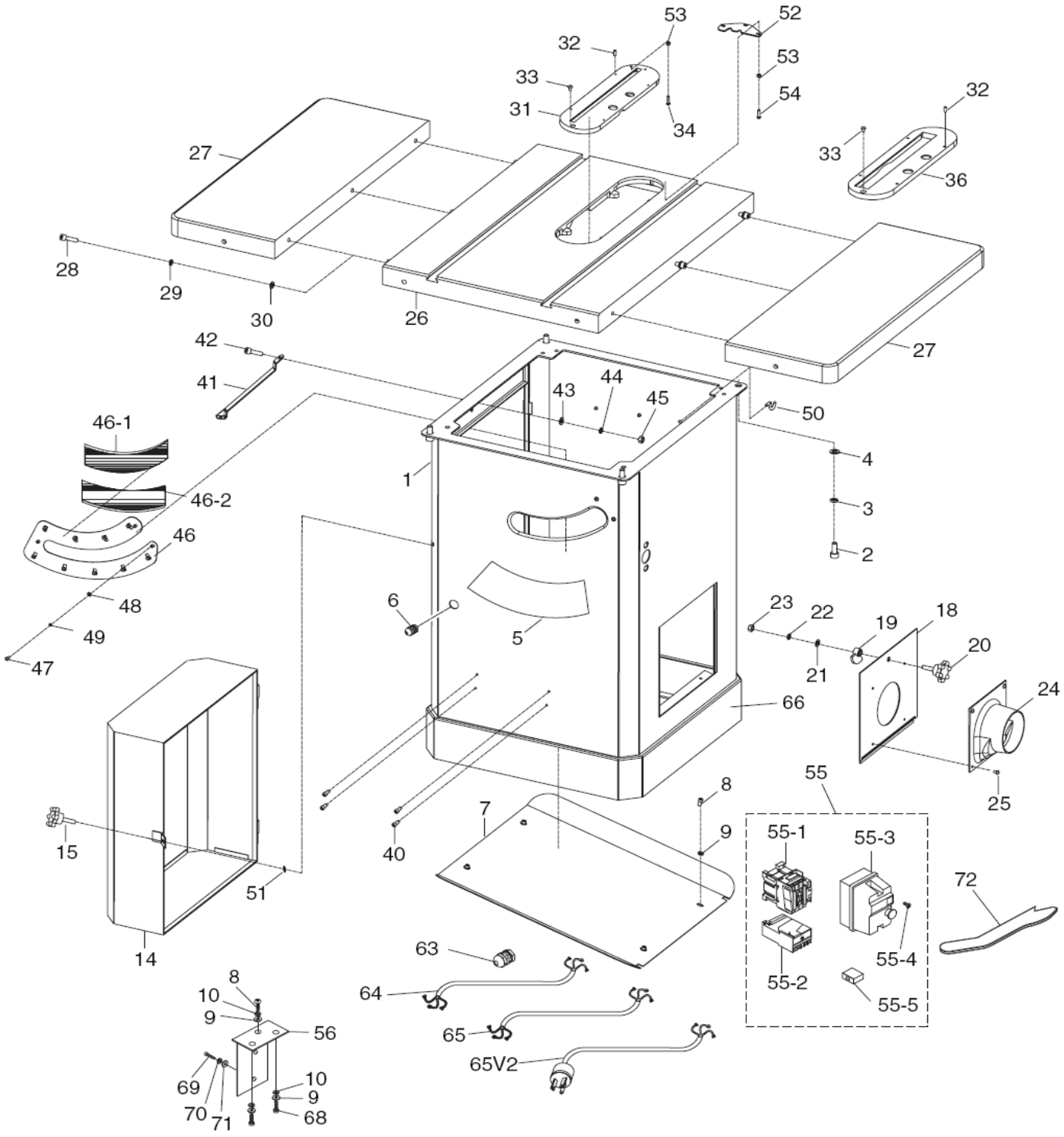
1. The unpainted components such as the precision-ground cast-iron table top should be protected with a coat of paste wax and then buffed dry.

2. Regularly vacuum all sawdust from the saw’s interior and vacuum the motor openings as well.

3. Check drive belts for wear and correct tension on a regular basis.

4. Check that the blade guard and anti kickback pawls operate properly.

CX200 / CX201 BODY
PARTS BREAKDOWN

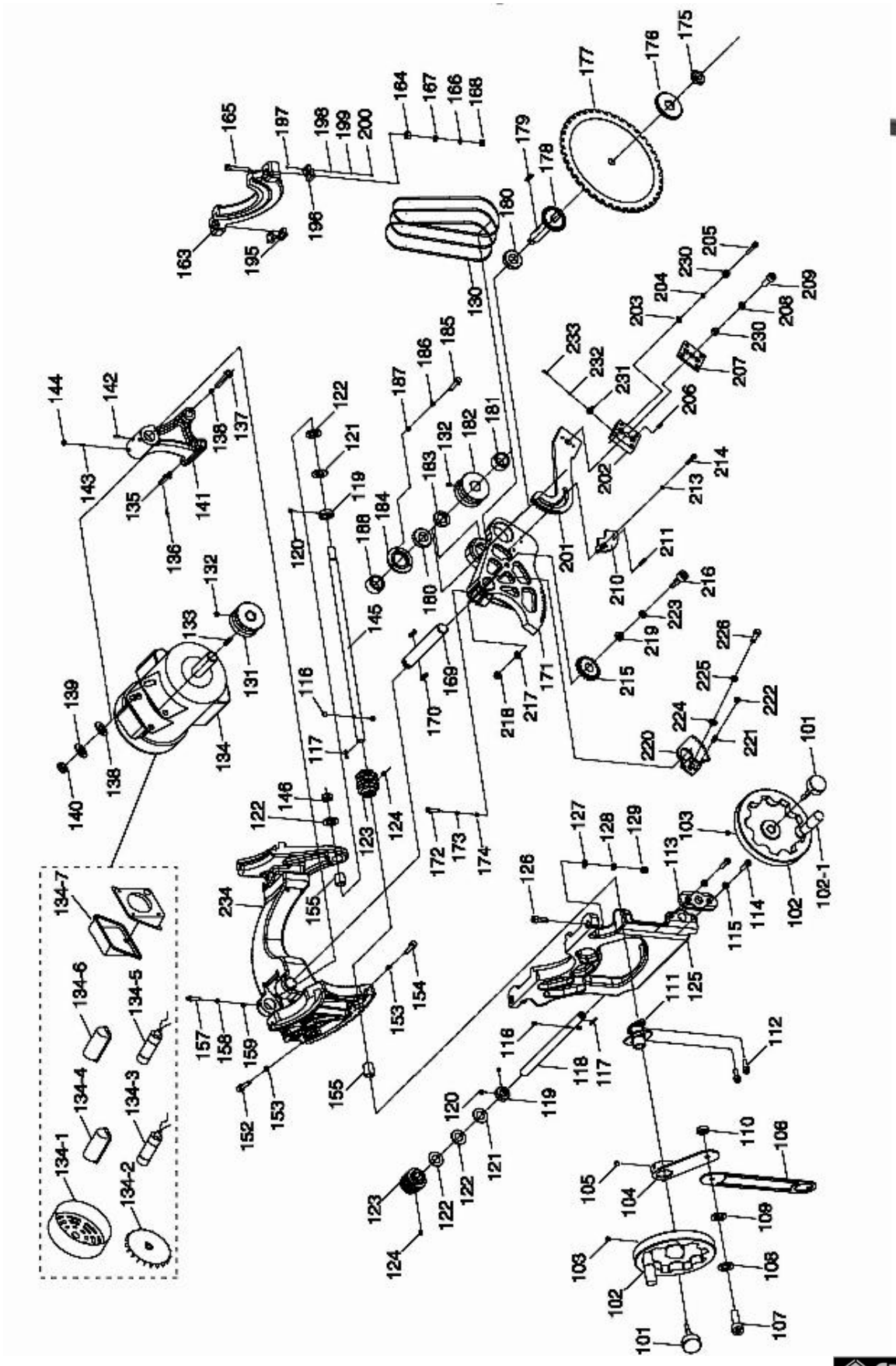


CX200 / CX201 BODY
PARTS LIST

REF#	DESCRIPTION	QTY
1	CABINET	1
2	CAP SCREW M10-1.25×25	4
3	LOCK WASHER 10MM	4
4	FLAT WASHER 10MM	4
5	ANGLE SCALE	1
6	STRAIN RELIEF	1
7	CABINET PLATE	1
8	PHLP HD SCR M6-1×12	5
9	FLAT WASHER 6MM	7
10	LOCK WASHER 6MM	3
14	MOTOR COVER	1
15	KNOB M6-1	1
18	CLEANOUT DOOR	1
19	DOOR LATCH	1
20	KNOB M8-1.25	1
21	FLAT WASHER 8MM	1
22	LOCK WASHER 8MM	1
23	HEX NOT M8-1.25	1
24	DUST HOOD	1
25	PHLP HD SCR M8-.8×8	4
26	TABLE	1
27	EXTENSION WING	2
28	CAP SCREW M8-1×30	6
29	LOCK WASHER 8MM	6
30	FLAT WASHER 8MM	6
31	TABLE INSERT	1
32	SET SCREW M5-.8×12	8
33	PHLP HD SCR M5-.8×12	2
34	PHLP HD SCR M5-.8×20	2
36	DADO INSERT	1
40	NAME PLATE RIVET	4
41	SHIPPING BRACE	1

REF#	DESCRIPTION	QTY
42	HEX BOLT M10-1.5×20	1
43	FLAT WASHER 10MM	1
44	LOCK WASHER 10MM	1
45	HEX NUT M10-1.5	1
46	DUST CLIP	1
46-1	UPPER BRUSH	1
46-2	LOWER BRUSH	1
47	PHLP HD SCR M4-.7×12	3
48	FLAT WASHER 4MM	3
49	LOCK WASHER 4MM	3
50	HOOK	3
51	INT TOOTH WASHER 6MM	1
52	LIMIT PLATE	1
53	HEX NUT M5-.8	5
54	PHLP HD SCR M5-.8×20	3
55	MAG SWITCH ASSEMBLY MS-15	1
55-1	CONTACTOR CHINT NC1-18	1
55-2	OL RELAY CHINT NR2-25 12～18	1
55-3	SWITCH BOX FRONT/BACK	1
55-4	MAG SWITCH COVER SCREW	1
55-5	ON/OF SWITCH CHINT NP2	1
56	SWITCH BRACKET	1
63	STRAIN RELIEF	1
64	MOTOR CORD 14AWG×3C	1
65	POWER CORD V1.01.09	1
65V2	POWER CORD W/PLUG V2.12.09	1
66	BLACK TRIM TAPE	1
68	HEX BOLT M6-1×12	2
69	BUTTON HD CAP SCR M5-.8×16	2
70	LOCK WASHER 5MM	2
71	FLAT WASHER 5MM	2
72	PUSH STICK	1

CX200 / CX201 TRUNION ASSEMBLY
PARTS BREAKDOWN

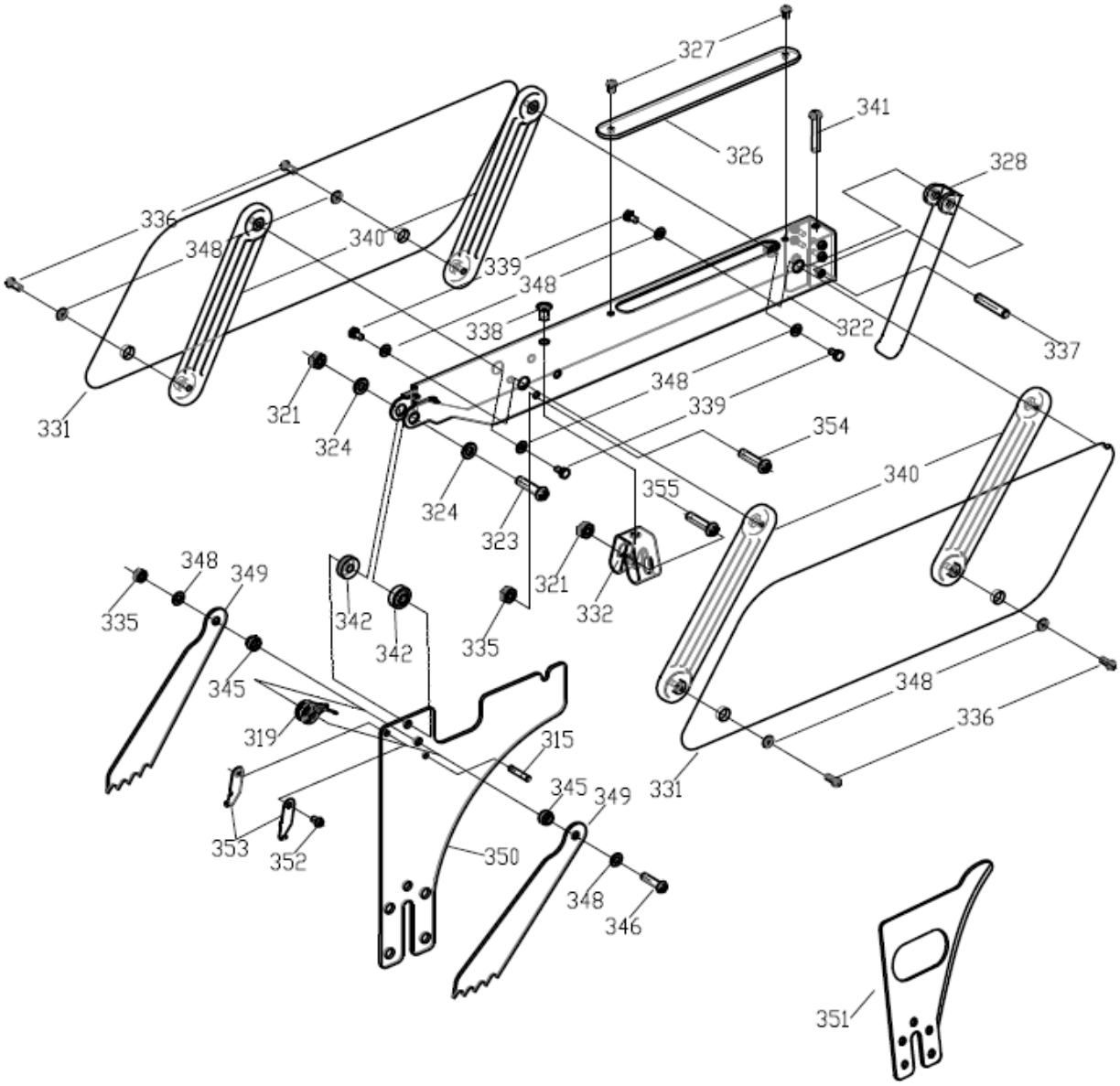


CX200 / CX201 TRUNION ASSEMBLY
PARTS LIST

REF#	DESCRIPTION	QTY
101	HAND WHEEL LOCK	2
102	HAND WHEEL HANDLE	2
102-1	HAND WHEEL	2
103	SET SCREW M5-.8×12	2
104	ANGLE POINTER-1	1
105	SET SCREW M5-.8×6	1
106	ANGLE POINTER-2	1
107	CAP SCREW M6-1×12	1
108	LOCK WASHER 6MM	1
109	FLAT WASHER 6MM	1
110	HEX NUT M6-1	1
111	ANGLE POINTER BRACKET	1
112	CAP SCREW M5-.8×25	2
113	PLATE	1
114	CAP SCREW M8-1.25×25	2
115	LOCK WASHER 8MM	2
116	PIN-LOCK-SHAFT	4
117	KEY 5×5×36	2
118	ANGLE SHAFT	1
119	LOCK COLLAR	2
120	SET SCREW M6-1×8	4
121	LOCK WASHER 18MM	2
122	COPPER WASHER 18MM	4
123	WORM	2
124	SET SCREW M6-1×10	2
125	FRONT TRUNNION	1
126	CAP SCREW M10-1.5×30	2
127	FLAT WASHER 10MM	2
128	LOCK WASHER 10MM	2
129	HEX NUT M10-1.5	2
130	BELT SPZ 625	3
131	MOTOR PULLEY	1
132	SET SCREW M5-.8×12	4
133	KEY 5×5×30	1
134	MOTOR 3HP 220V 1-PH	1
134-1	FAN CONER	1
134-2	MOTOR FAN	1
134-3	R CAP 25M 370V 1-3/4×3	1
134-4	R CAP ACITOR COVER	1
134-5	S CAP 200M 250V 1-1/4×2-3/4	1
134-6	S CAP ACITOR COVER	1
134-7	WIRING JUNCTION BOX	1
135	ORIENTATION PIN	1
136	ROLL PIN 4×28	1
137	HEX BOLT M12-1.75×100	1
138	FLAT WASHER 12MM	2
139	LOCK WASHER 12MM	1
140	HEX NUT M12-1.75	1
141	MOTOR FRAME SUPPORT	1
142	SET SCREW M8-1.25×12	2
143	SET SCREW M8-1.25×30	1
144	HEX NUT M8-1.25	1
145	HIGH SHAFT	1
146	LOCK NUT M18-1.5	1
152	HEX BOLT M8-1.25×20	1
153	HEX NUT M8-1.25	2
154	HEX BOLT M8-1.25×35	1
155	FLANGE CASTING SLEEVE	1
157	SET SCREW M8-1.25×8	1
158	COMPRESSION SPRING	1
159	BALL	1
163	REAR TRUNNION	1
164	ADJUST BOLT	2
165	CAP SCREW M8-1.25×30	2
166	FLAT WASHER 8MM	2
167	LOCK WASHER 8MM	2
168	HEX NUT M8-1.25	2
169	HIGH SHAFT	1
170	KEY 6×6×50	1
171	GEARED BEARING HOUSING	1
172	HEX BOLT M10-1.5×45	1
173	LOCK WASHER 10MM	1
174	FLAT WASHER 10MM	1
175	ARBOR NUT	1
176	ARBOR FLANGE	1
177	BLADE 10″ 40T	1
178	BLADE ARBOR	1

179	KEY 5×5×30	1
180	BALL BEARING 6005 2Z	2
181	COLLAR BLADE ARBOR	1
182	ARBOR PULLEY	1
183	COLLAR BLADE ARBOR	1
184	FLANGE RING	1
185	PHLP HD SCR M5-.8×12	3
186	LOCK WASHER 5MM	3
187	FLAT WASHER 5MM	3
188	LOCK NUT M16-1.5	1
195	LEFT BRACKET	1
196	RIGHT BRACKET	1
197	CAP SCREW M8-1.25×30	4
198	FLAT WASHER 8MM	4
199	LOCK WASHER 8MM	4
200	HEX NUT M8-1.25	4
201	BULL GEAR	1
202	SPLITTER ADJUST BLOCK	1
203	FLAT WASHER 6MM	2
204	LOCK WASHER 6MM	2
205	CAP SCREW M6-1×25	2
206	SET SCREW M6-1×12	4
207	SPLITTER TIGHTEN CLIP	1
208	LOCK WASHER 6MM	1
209	HEX BOLT M6-1×20	1
210	ORIENTATION BAR	1
211	ROLL PIN 5×25	2
213	LOCK WASHER 5MM	2
214	CAP SCREW M5-.8×25	2
215	GEAR	1
216	CAP SCREW M10-1.5×40	1
217	FLAT WASHER 10MM	1
218	LOCK NUT M10-1.5	1
219	GEAR SLEEVE	1
220	PLATE GEAR	1
221	SET SCREW M6-1×20	3
222	HEX NUT M6-1	3
223	FENDER WASHER 10MM	1
224	FLAT WASHER 8MM	1
225	LOCK WASHER 8MM	1
226	CAP SCREW M8-1.25×20	1
230	SPACER	3
231	POSITION PIN SET	1
232	LOCK WASHER 4MM	2
233	SET SCREW M4-.7×12	2
234	TRUNNION	1

CX200 / CX201 BLADE GAURD
PARTS BREAKDOWN

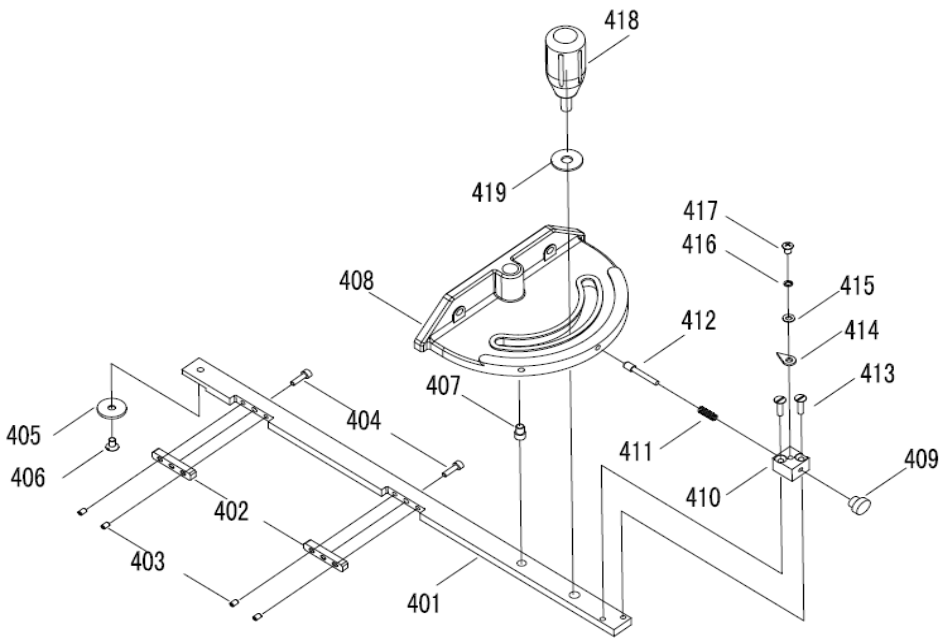


CX200 / CX201 BLADE GAURD
PARTS LIST

REF#	DESCRIPTION	QTY
315	ELASTIC PIN	1
319	SPRING	1
321	LOCK NUT	1
322	SUPPORTING ARM	1
323	PAN HEAD SCREW	1
324	FLAT WASHER	2
326	TOP GUARD	1
327	PAN HEAD SCREW	2
328	FRONT GUARD	1
331	SIDE GUARD	2
332	GUARD CLAMP	1
335	LOCK NUT	3
336	PAN HEAD SCREW	4
337	ELASTIC PIN	1

REF#	DESCRIPTION	QTY
339	HEX HEAD BOLT	4
340	GUARD SUPPORT	4
341	PAN HEAD SCREW	1
342	SPACER	2
345	SPACER	2
346	PAN HEAD SCREW	1
348	FLAT WASHER	10
349	PAWL	2
350	SPLITTER	1
351	RIVING KNIFE	1
352	RIVET	1
353	RIVING KNIFE HOOK PLATE	1
354	HEX BOLT	2
355	PAN HEAD SCREW	1

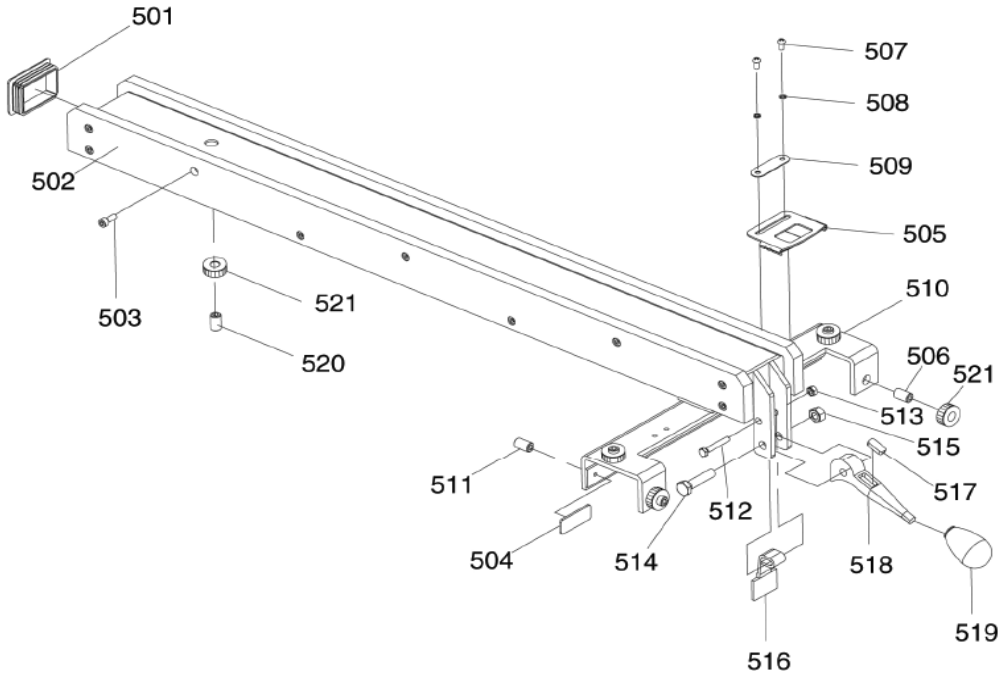
CX200 / CX201 MITER GAUGE
PARTS BREAKDOWN & PARTS LIST



REF#	DESCRIPTION	QTY
401	MITER BAR	1
402	GIB	2
403	SET SCREW M4-.7*6	4
404	CAP SCREW M4-.7*14	2
405	MITER RING	1
406	FLAT HD SCR M5-.8*8	1
407	MITER BODY PIVOT PIN	1
408	MITER GUAGE BODY	1
409	MITER STOP PIN KNOB	1

REF#	DESCRIPTION	QTY
410	MITER STOP PIN BLOCK	1
411	COMPRESSION SPRING	1
412	MITER STOP PIN	1
413	CAP SCREW M4-.7*14	2
414	POINTER MITER GUAGE	1
415	FLAT WASHER 4MM	1
416	LOCK WASHER 4MM	1
417	PHLP HD SCR M4-.7*8	1
418	MITER KNOB	1
419	FENDER WASHER 10MM	1

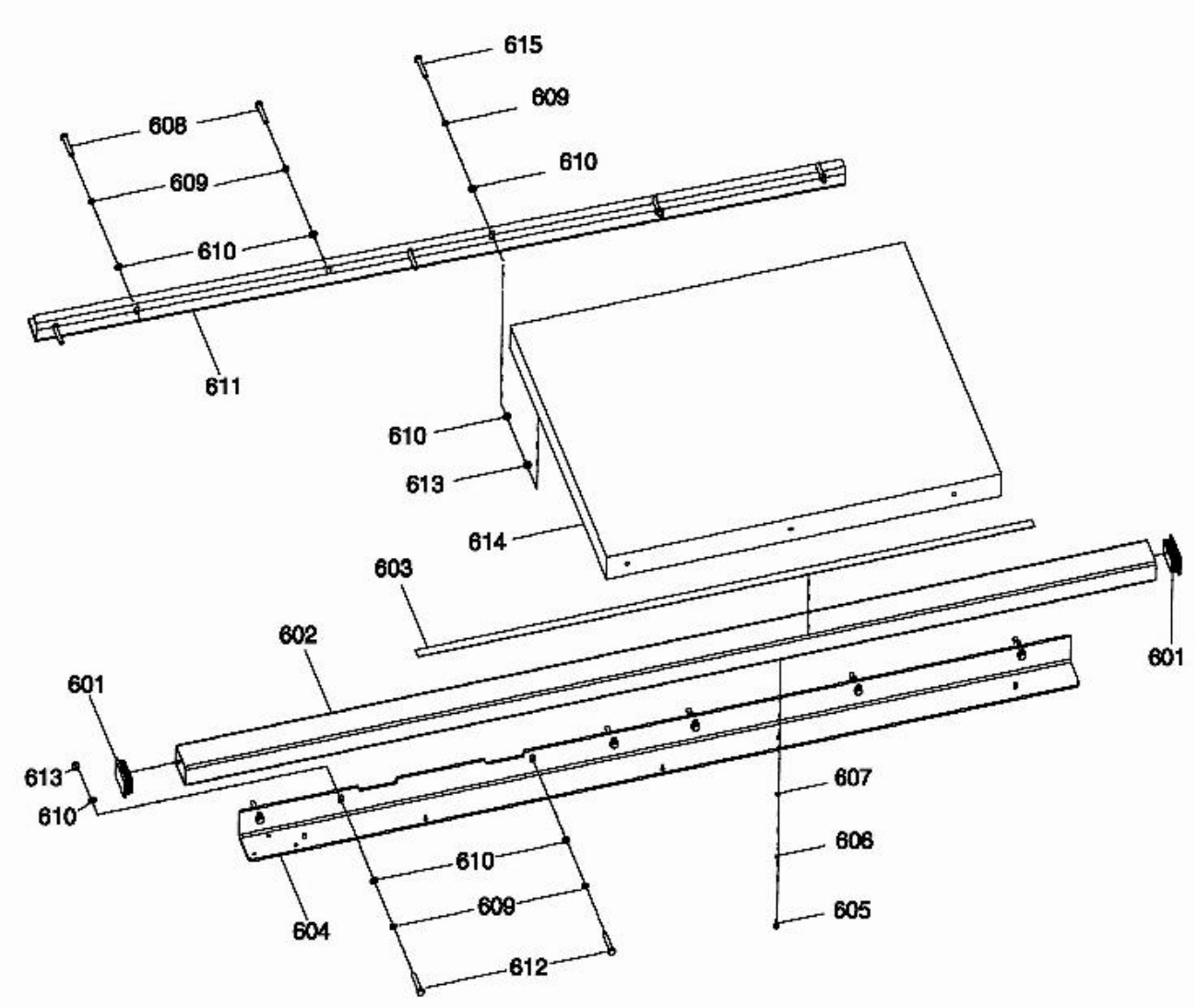
CX200 / CX201 FENCE
PARTS LIST



REF#	DESCRIPTION	QTY
502	FANCE FACE	2
503	CAP SCREW M6-1*16	18
504	GLIDE PAD	2
505	FENCE SCALE WINDOW	1
506	SET SCREW M12-1.75*15	4
507	PHLP HD SCR M5-.8*10	2
508	LOCK WASHER 5MM	2
509	INDICATOR	2
510	FENCE BODY	1
511	SET SCREW	2

REF#	DESCRIPTION	QTY
512	HEX BOLT M6-1*40	1
513	LOCK NUT M6-1	1
514	HEX BOLT M10-1.5*45	1
515	LOCK NUT M10-1.25	1
516	CAM FOOT	1
517	MAGNET	1
518	CAM	1
519	FENCE LOCK KNOB	1
520	SET SCREW M12-1.75*30	1
521	SPECIAL LOCKING NUT M12-1.75	4

CX200 – 30” RAILS & EXTENSION TABLE
PARTS BREAKDOWN

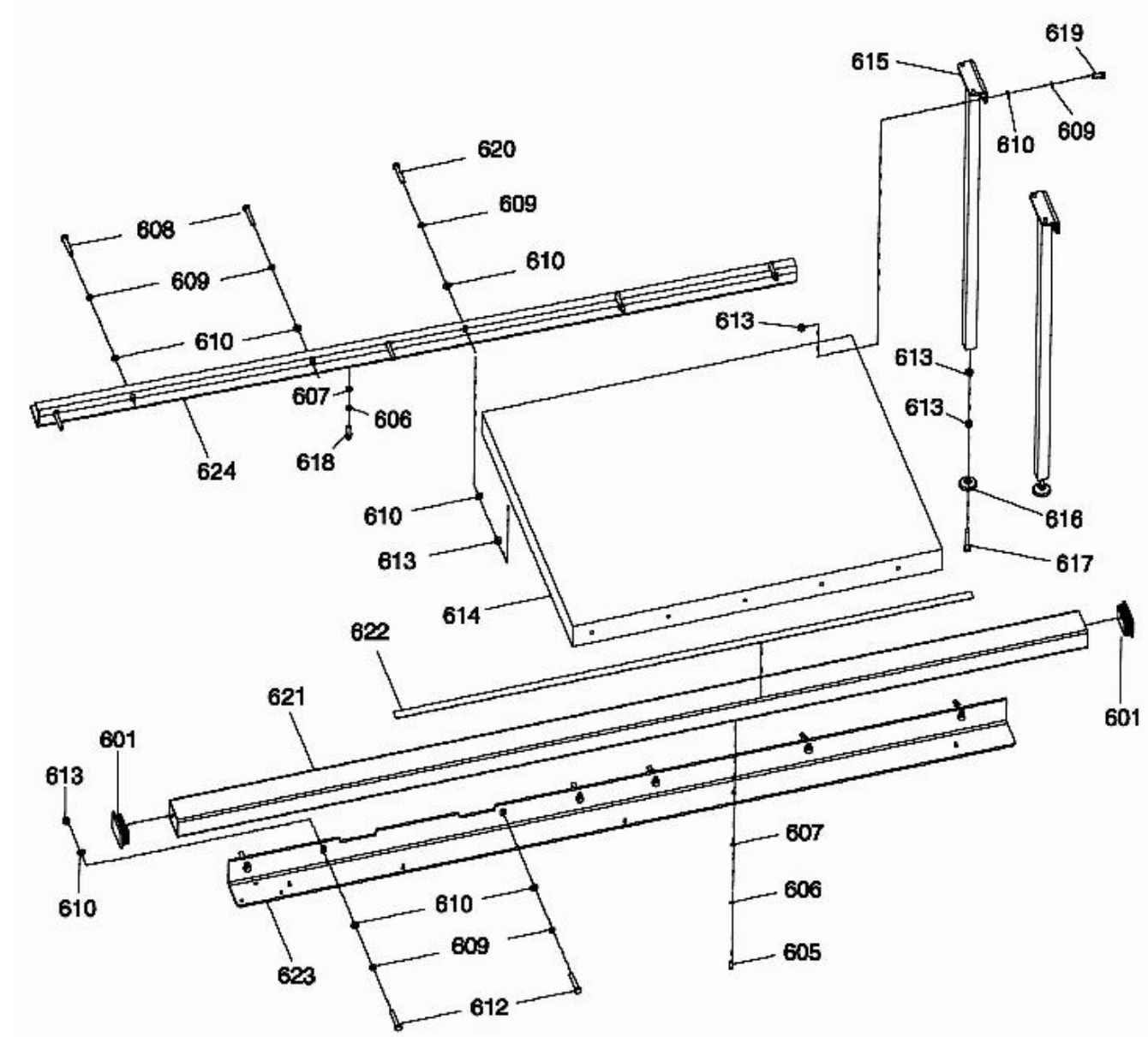


CX200 – 30” RAILS & EXTENSION TABLE
PARTS LIST

REF#	DESCRIPTION	QTY
601	INSERT FENCE	2
602	GUIDE TUBE	1
603	SCALE	1
604	FRONT RAIL	1
605	CAP SCREW M6-1*16	5
606	LOCK WASHER 6MM	13
607	FLAT WASHER 6MM	13
608	HEX BOLT 5/16-18*1-1/2	2

REF#	DESCRIPTION	QTY
609	LOCK WASHER 8MM	22
610	FLAT WASHER 8MM	34
611	REAR RAIL	1
612	HEX BOLT M8-1.25*40	6
613	HEX NUT M8-1.25	18
614	TABLE BOARD	1
615	HEX BOLT M8-1.25*30	3

CX201 – 50” RAILS & EXTENSION TABLE PARTS BREAKDOWN



CX201 – 50” RAILS & EXTENSION TABLE
PARTS BREAKDOWN

REF#	DESCRIPTION	QTY
601	INSERT FENCE	2
605	CAP SCREW M6-1*16	5
606	LOCK WASHER 6MM	13
607	FLAT WASHER 6MM	13
608	HEX BOLT 5/16-18*1-1/2	2
609	LOCK WASHER 8MM	22
610	FLAT WASHER 8MM	34
612	HEX BOLT M8-1.25*40	6
613	HEX NUT M8-1.25	18
614	TABLE BOARD	1

REF#	DESCRIPTION	QTY
615	LEG	2
616	FOOT	2
617	HEX BOLT M8-1.25×60	2
618	CAP SCREW M6-1*16	6
619	CAP SCREW M8-1.25*20	4
620	HEX BOLT M8-1.25*30	3
621	GUIDE TUBE	1
622	SCALE	1
623	FRONT RAIL	1
624	REAR RAIL	1

WARRANTY

CRAFTEX 3 YEARS LIMITED WARRANTY

Craftex warrants every product to be free from defects in materials and agrees to correct such defects where applicable. This warranty covers **three years** for parts and 90 days for labour (unless specified otherwise), to the original purchaser from the date of purchase but does not apply to malfunctions arising directly or indirectly from misuse, abuse, improper installation or assembly, negligence, accidents, repairs or alterations or lack of maintenance.

Proof of purchase is necessary.

All warranty claims are subject to inspection of such products or part thereof and Craftex reserves the right to inspect any returned item before a refund or replacement may be issued.

This warranty shall not apply to consumable products such as blades, bits, belts, cutters, chisels, punches etceteras.

Craftex shall in no event be liable for injuries, accidental or otherwise, death to persons or damage to property or for incidental contingent, special or consequential damages arising from the use of our products.

RETURNS, REPAIRS AND REPLACEMENTS

To return, repair, or replace a Craftex product, you must visit the appropriate Busy Bee Tools showroom or call 1-800-461-BUSY. Craftex is a brand of equipment that is exclusive to Busy Bee Tools.

For replacement parts directly from Busy Bee Tools, for this machine, please call 1-800-461-BUSY (2879), and have your credit card and part number handy.

- All returned merchandise will be subject to a minimum charge of 15% for re-stocking and handling with the following qualifications.
- Returns must be pre-authorized by us in writing.
- We do not accept *collect* shipments.
- Items returned for warranty purposes must be insured and shipped pre-paid to the nearest warehouse
- Returns must be accompanied with a copy of your original invoice as proof of purchase. Returns must be in an un-used condition and shipped in their original packaging a letter explaining your reason for the return. Incurred shipping and handling charges are not refundable.
- Busy Bee will repair or replace the item at our discretion and subject to our inspection.
- Repaired or replaced items will be returned to you pre-paid by our choice of carriers.
- Busy Bee reserves the right to refuse reimbursement or repairs or replacement if a third party without our prior authorization has carried out repairs to the item.
- Repairs made by Busy Bee are warranted for 30 days on parts and labour.
- Any unforeseen repair charges will be reported to you for acceptance prior to making the repairs.
- The Busy Bee Parts & Service Departments are fully equipped to do repairs on all products purchased from us with the exception of some products that require the return to their authorized repair depots. A Busy Bee representative will provide you with the necessary information to have this done.
- For faster service it is advisable to contact the nearest Busy Bee location for parts availability prior to bringing your product in for repairs.